

## Process for Developing Preferred Alternative



Advisory Committee  
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### Basis of Alternatives

- ◆ **All alternatives address the Objectives identified in the Fish and Game Code**

- Provide the maximum feasible attainment of:
  - ❖ Restoration of long term stable aquatic and shoreline habitat for historical levels and diversity of fish and wildlife that depends on the Salton Sea
  - ❖ Elimination of air quality impacts from restoration actions
  - ❖ Protection of water quality

- ◆ **Each alternative addresses the objectives in different ways using a range of components and sizes of each component**

## Consideration of Other Issues in Selection of Preferred Alternative

- ◆ **Issues identified during scoping and public outreach**
- ◆ **Proximity of water to shoreline**
  - Continued water along existing communities
  - Continued micro-climate adjacent to agricultural land
- ◆ **Recreational opportunities**
  - Historical opportunities
  - New opportunities as identified in survey
- ◆ **Length of time to develop sustainable habitat or recreational opportunities**

## Final PEIR Alternatives

- ◆ **Alternative 1 - Saline Habitat Complex I**
- ◆ **Alternative 2 - Saline Habitat Complex II**
- ◆ **Alternative 3 - Concentric Rings**
- ◆ **Alternative 4 - Concentric Lakes**
- ◆ **Alternative 5 - North Marine Sea**
- ◆ **Alternative 6 - North Sea Combined**
- ◆ **Alternative 7 - Combined North and South Lakes**
- ◆ **Alternative 8 - South Sea Combined**

## PEIR Alternatives include a Range of Components

|               | <b>Saline Habitat Complex</b> | <b>Deep Marine Sea</b> | <b>Shallow Marine Water</b> |
|---------------|-------------------------------|------------------------|-----------------------------|
| <b>Alt. 1</b> | ◆                             |                        |                             |
| <b>Alt. 2</b> | ◆                             |                        |                             |
| <b>Alt. 3</b> |                               |                        | ◆                           |
| <b>Alt. 4</b> | ◆                             |                        | ◆                           |
| <b>Alt. 5</b> | ◆                             | ◆                      |                             |
| <b>Alt. 6</b> | ◆                             | ◆                      |                             |
| <b>Alt. 7</b> | ◆                             | ◆                      |                             |
| <b>Alt. 8</b> | ◆                             | ◆                      |                             |

## Different Components could meet Objectives to Various Levels

|  | <b>Saline Habitat Complex</b> | <b>Deep Marine Sea</b>   | <b>Shallow Marine Sea</b> |
|--|-------------------------------|--|---------------------------|
| <b>Stable aquatic and shoreline habitat</b>                          | ◆                             | ◆  | ◆                         |
| <b>Historical levels and diversity of fish</b>                       | <b>Primarily tilapia</b>      | <b>Tilapia, sargo, and corvina....</b><br>(not until late 2020s) | <b>Primarily tilapia</b>  |
| <b>Wide range of wildlife species</b>                                | ◆                             | ◆  | ◆                         |
| <b>Protection of water quality</b>                                   | ◆                             | <b>Stable after decades</b>                                      | ◆                         |
| <b>Air quality management would be addressed in all alternatives</b> |                               |  |                           |

## Need to Consider the Functions and Values of Components

- ◆ **Ability to respond to uncertainty**
  - Flows, habitat, species, climate....
- ◆ **Flexibility**
- ◆ **Sustainability**
- ◆ **Performance with respect to objectives**
- ◆ **Length of time to establish habitat to support fish and wildlife**

## Working Group to Frame Process to Develop Preferred Alternative

- ◆ **Purpose of Working Group**
  - Focus on functions and values of components
  - Consider trade-offs
  - Consider phased implementation, including near-term actions
  - Identify partnership for staged implementation (Local-State-Federal-NGOs-Tribes-Private)
  - Develop process for selecting Preferred Alternative

## Open Discussion

- ◆ **Functions and values**
- ◆ **Trade-off concepts**
  - Example: Different water surface elevations versus Size of open water
- ◆ **Consider mixing components from different alternatives to achieve similar functions and values**
- ◆ **Suggest Working Group members**